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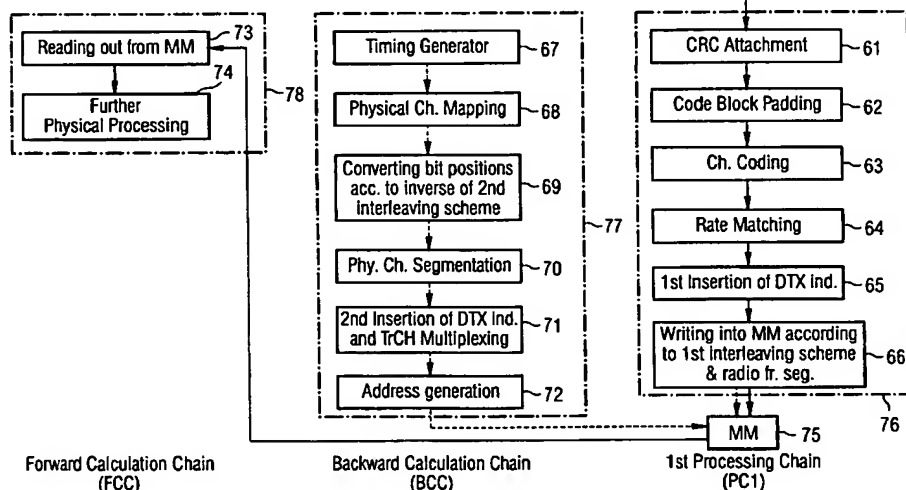
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(54) Title: **INTERLEAVING FOR MOBILE COMMUNICATIONS**



(57) Abstract: This application relates to method for processing a bit sequence in a digital communication system, which includes the steps of (a) storing the bits of said bit sequence at locations of a memory means indicated by a first interleaving scheme, (b) converting output bit positions into input bit positions according to an inverse of a second interleaving scheme, (c) reading out bits stored at locations of said memory means corresponding to said input bit positions, thereby generating an interleaved sequence which is interleaved according to said first and said second interleaving schemes, and (d) processing said interleaved sequence according to further physical processing steps. Alternatively, step (a) may include storing the bits of said input bit sequence in a memory means and step (b) may include converting output bit positions into input bit positions according to the inverse of a sequential application of a first interleaving scheme and a second interleaving scheme.

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